INL News Release
FOR IMMEDIATE RELEASE
Dec. 22, 2011

NEWS MEDIA CONTACTS:
Misty Benjamin, 208-351-9900, Misty.Benjamin@inl.gov
Teri Ehresman, 208-521-9882, Teri.Ehresman@inl.gov

McEligot receives international leadership award

Longtime Idaho National Laboratory employee Donald M. McEligot received an international leadership award at the recent International Conference on Engineering Education in Belfast, Ireland.

McEligot, Ph.D., received the International Network for Engineering Education and Research (iNEER) Leadership Award "for visionary leadership in innovative research, consistent scholarship through international collaborations and pioneering contributions to engineering." iNEER is a global professional organization formed by the world engineering community to promote mutual progress in teaching and learning through international cooperation. It seeks to promote development of international understanding and partnership through information sharing.

The widening network of educators and researchers covers 98 countries and is linked through the iNEER website, archival publications, electronic communication systems and various conferences, workshops and retreats. The Leadership Award is the highest given by iNEER. It is presented to an individual or educational partnership for visionary leadership, significant innovations and production of broad, long-lasting, positive impacts on international engineering education and research. The ideas and/or work for which leaders are recognized with this award are of over-arching nature and global impact.

McEligot is a thermal scientist at the Center for Advanced Energy Studies in Idaho Falls and a Nuclear Science and Technology Division Fellow at INL. He is a distinguished visiting professor in mechanical engineering at the University of Idaho and professor emeritus of the University of Arizona. He received his doctorate in thermoscience from Stanford; his M.S.E. in nuclear engineering from the University of Washington and a B.E.M.E. from Yale; and he is a professional engineer in New Jersey.

McEligot's current research emphasizes fundamental fluid physics studies for energy efficiency and sustainability for the U.S. Department of Energy Office of Science.

He has over three decades of experience in development, use and guidance of experimental thermal science and computational thermal fluid physics. McEligot has conducted basic and applied studies of a wide range of fluid mechanics and convective heat transfer topics. For his record of accomplishment, he has been honored by receipt of the 2007 American Society of Mechanical Engineers (ASME) Heat Transfer Memorial Award, an award as a Senior Fulbright Research Scholar to West Germany, selection to Fellow grade in the ASME and promotion to full professor of aerospace and mechanical engineering with tenure at the University of Arizona. In 1996, he served as a distinguished foreign scientist for the Japan Atomic Energy Research Institute (JAERI), one of only about 10 selected in all fields worldwide. He was honored as the 2002 Distinguished Scientist by the Idaho Academy of Science.

He is the author of more than 60 archival publications and has completed research projects at Imperial College of Science and Technology, London, Universität Karlsruhe, the Max Planck Institut für Strömungsforschung, Göttingen, Universität Stuttgart and University of Limerick.

INL is one of the DOE's 10 multiprogram national laboratories. The laboratory performs work in each of DOE's strategic goal areas: energy, national security, science and environment. INL is the nation's leading center for nuclear energy research and development. Day-to-day management and operation of the laboratory is the responsibility of Battelle Energy Alliance.

Subscribe to RSS feeds for INL news and feature stories at www.inl.gov. Follow @INL on Twitter or visit our Facebook page at www.facebook.com/IdahoNationalLaboratory.

—INL-11-035—

News Release Archive